



Southwest Washington Chapter of ICC

This Criteria is accepted as meeting the minimum standard of construction in conformance with 2003 IRC / WAC 51-51 requirements and is accepted in the following regional jurisdictions

Cities of: Camas, Centralia, Kalama, Ridgefield, Castle Rock, Vancouver, Washougal, Winlock, Woodland, Longview, Battle Ground, Counties of: Clark, Cowlitz, Skamania, Lewis

Residential Structural Design Information:

The following applies only to Structures conforming to the prescriptive criteria set forth in the 2003 International Residential Code. If the structure does not meet all of the IRC requirements, an engineered design conforming to the 2003 International Building Code must be prepared by a Washington State Professional Engineer and submitted.

Wind: 110 mph, 3 second gust Exposure "B" (check with local jurisdiction for wind exposure classifications for your specific site)

Soil: 1500 psf Bearing (unless geotechnical report is prepared for the site)

Minimum Footing Embedment: 12" – (check with local jurisdiction to confirm frost depth)

Minimum Roof Snow load: 25 psf – Minimum roof load – non reducible
(drift calculations as required)
(For use with the prescriptive tables of the IRC, use 30 psf Snow Load columns to check rafter and other allowable spans)

All other loading per the 2003 International Residential Code and as adopted by Washington State and Local Jurisdiction Adoption.

Seismic zone D1:

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